

### **REMARKS**

The non-Final Office Action dated October 9, 2007 has been received and reviewed. Claims 1, 3, 5-8, 10, 12-15, 17, 19-21 are pending in the subject application. All claims stand rejected. Claims 1, 8, and 15 have been amended herein. Care has been exercised to introduce no new matter. Reconsideration of the present application in the above amendments and the following remarks is respectfully requested.

#### **Rejections based on 35 U.S.C. § 112, second paragraph**

Claims 1-21 have been rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicants regard as the invention. In particular, claims 1, 8 and 15 have been rejected as being incomplete for omitting essential elements. Applicants submit that claims 1, 8 and 15 have been amended and request withdrawal of the §112 rejection of these claims.

Applicants submit that independent claims 1, 8 and 15 have been amended such that there is a relationship between the output information described in the preamble of the claim and the steps of generating an output including information regarding the likelihood that the person has the gene variant indicative of an atypical event based upon the hereditary information of claims 1 and 15 or the generating component that generates an output including information regarding the likelihood that the person has the gene variant indicative of an atypical event based on the hereditary information of claim 8. As such, Applicants request withdrawal of the §112 rejection of these claims. As claims 2-7, 9-14 and 16-20 depend either directly or indirectly from one of claims 1, 8 and 15, Applicants request withdrawal of the §112 rejection of these claims as well.

### **CONCLUSION**

For at least the reasons stated above, claims 1, 3, 5-8, 10, 12-15, 17 and 19-21 are believed to be in condition for allowance and such favorable action is respectfully requested. As such, Applicants respectfully request withdrawal of the pending rejections and allowance of the claims. If any issues remain that would prevent issuance of this application, the Examiner is urged to contact the undersigned by telephone prior to issuing a subsequent action.

Applicants request a three-month extension of time. The fee for a three-month extension of time is submitted herewith. It is believed that no additional fee is due in conjunction with the present communication. However, if this belief is in error, the Commissioner is hereby authorized to charge any amount required to Deposit Account No. 19-2112, referencing attorney docket number CRNI.114071.

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Respectfully submitted,

/JEAN M. DICKMAN/

Jean M. Dickman  
Reg. No. 48,538

JMD/nlm

SHOOK, HARDY & BACON L.L.P.  
2555 Grand Boulevard  
Kansas City, MO 64108-2613  
816-474-6550